

K97138

9020

MATERIAL SAFETY DATA SHEET
Section 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ALCONOX
GENERAL USE: Disinfectant
PRODUCT DESCRIPTION: White granular powder mixture, practically odorless
MANUFACTURER'S NAME: Alconox, Inc.
STREET ADDRESS: 30 Green St. Suite 309
CITY, STATE, ZIP, COUNTRY: White Plains, NY 10603 USA
DISTRIBUTOR NAME: Same as above
STREET ADDRESS: [Blank]
CITY, STATE, ZIP, COUNTRY: [Blank]
TELEPHONE NUMBER FOR INFORMATION: +1-914-948-4000
EMERGENCY TELEPHONE NUMBER: CHEM.TEL.(800) 285-3924 Outside USA +1-913-249-0973
TELEPHONE NUMBER FOR IDENTIFICATION: [Blank]
EMERGENCY TELEPHONE NUMBER: [Blank]

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS #	%	OSHA PEL	ACGIH TLV	SARA TITLE II	RD LBS
Sodium phosphate, hexamet (a)	7762-32-0	10-30	N/E	mg/m ³		5000
Sodium carbonate, food grade (b)	497-18-8	7-13	N/E	mg/m ³		5000
Sodium dodecylphosphate sulfonate (a)	25152-50-0	10-30	N/E			1000
Vanadium pentoxide	7722-89-5	10-30		5		1000

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Granular powder, airborne dust particles are harmful and irritating to respiratory tract. Contact with eyes and skin may cause irritation.
POTENTIAL HEALTH EFFECTS: Irritation: Breathing airborne particles or dust from mixing, spraying, sanding, grinding, etc., may cause irritation to the respiratory tract.
SKIN: None expected. However, prolonged contact may cause irritation.
EYES: Contact with eyes may cause irritation.
INGESTION: May cause gastric distress, abdominal pain, vomiting and diarrhea.
CARCINOGENICITY: NTP: No IARC (MONOGRAPHY) No OSHA REGULATED No

Document Name: Alconox 100803
Issued By: Malcolm McLaughlin
Author: Malcolm McLaughlin
Effective date: 10/13/2003
Issue Date: 10/08/03
Supersedes: Alconox 112502

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: ALCONOX
Section 4 - FIRST AID MEASURES
INITIAL ACTION: Remove affected person to fresh air. If symptoms persist seek medical attention.
SKIN: Remove contaminated clothing; wash affected area with soap and water. Remove contaminated clothing before reuse. If irritation persists, seek medical attention.
EYES: Remove contact lenses. Flush eyes with clean running water for 15 minutes while holding eyelids open. If irritation persists, seek medical attention.
INGESTION: Give two glasses of water for dilution. DO NOT induce vomiting.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT (NEE TEST): None
Non-flammable
GENERAL HAZARDS: Product is not combustible (flammable or combustible). Product of combustion include compounds of carbon, hydrogen and oxygen, including carbon monoxide.
EXTINGUISHING MEDIA: Carbon dioxide, water, water fog, dry chemical, alkaline foam.
FIRE FIGHTING PROCEDURES: NONE

SECTION 6 - ENVIRONMENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Confine and segregate product for two to three days and fill into CERCLA 40 CFR 302 for detailed instructions.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep container closed when not in use; protect containers from abuse, shock containers in cool, dry area. Keep the and other chemicals out of reach of children.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: The use of local exhaust ventilation and airborne particle collection is recommended. No other control measures are indicated.
PERSONAL PROTECTION: RESPIRATORY PROTECTION (SPECIFIC TYPE): NIOSH approved respirator designed to protect against the airborne particulate present in excess of Standard EN 149 for fugitive dust.
PROTECTIVE GLOVES: Neoprene or nitrile gloves.
EYE PROTECTION: Safety goggles with side shields.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Safety goggles nearby.
WORKING PRACTICES: Practice safe workplace habits. Minimize body contact with bins, as well as all elements of general.

Document Name: Alconox 100803
Issued By: Malcolm McLaughlin
Author: Malcolm McLaughlin
Effective date: 10/13/2003
Issue Date: 10/08/03
Supersedes: Alconox 112502

01/12/2004 11:23 FAX

RECEIVED
Facilities Management
HEALTH AND SAFETY
NOV 4 2004
5B 10468

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: ALCONOX
October 8, 2003

Page 3 of 4

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE (mm Hg)	Not Applicable	VAPOR DENSITY (AIR = 1)	None
RELATIVE VAPOR DENSITY (AIR = 1)	0.854:1.0	EVAPORATION RATE (WATER = 1)	None
SOLUBILITY IN WATER	Complete to > 10% w/w pH: 9.5 (1% aqueous solution)	FREEZING POINT	None
BOILING POINT	None	PHYSICAL STATE	Granular Powder
REL. APPLICATION VISCOSITY	None	APPEARANCE AND COLOR	White granular powder, practically colorless
REL. APPLICATION VISCOSITY	None	VOLATILE ORGANIC COMPOUNDS (VOC)	None

SECTION 10 - STABILITY AND REACTIVITY

STABILITY: UNSTABLE
UNSTABLE XXX
Strong oxidizers, strong acids

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Decomposition will not occur if handled and stored properly. In case of fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced.

SECTION 11 - TOXICOLOGICAL INFORMATION

Hazardous Ingredients	%	CAS #	LD50 of Ingredient (Species and Route)	LC50 of Ingredient (Species and Route)
Sodium hydroxide, (inhibitor) (a)	10-30	7788-28-4	3100 mg/kg	Not established
Sodium carbonate (Niterose Duff)	7-13	497-45-4	4000 mg/kg	200 mg/kg/24h
Sodium dihydrogenphosphate sulfonate (a)	10-30	251-55-9	Not established	Not established
1,3-bis(2-hydroxyethyl) imidazole	10-30	2712-88-5	Not established	Not established
Water as a vehicle	100%	None	Not established	Not established

SECTION 12 - ECOLOGICAL INFORMATION

No data are available on the adverse effects of this material on the environment. Neither COD nor BOD data are available. Based on the chemical composition of this product it is assumed that the mixture can be treated in an unacidified biological waste treatment plant system in the local sewerage. However, treatment should be evaluated and approved for each specific biological system. None of the ingredients in this mixture are classified as a Marine Pollutant.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Disposal in accordance with Local, State, and Federal regulations. Do not flush to wastewater. Refer to 40 CFR Protection of Environment Parts 260 - 269 for disposal regulations in the US. Consult your Local, State, and Federal Environmental Protection Agency before disposing of any chemicals.

SECTION 14 - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Not Required
HAZARD CLASS / Pack Group: None
REFERENCE: Not Applicable
IDENTIFICATION NUMBER: None
LABEL: None Required

Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IATA, IATA, ICA, ICA, Canadian TCC, and Unified ICA information manuals for detailed regulations and exceptions covering specific container sizes, packaging and materials and methods of shipping.

Document Name	AXXenns1100803	Effective date: 10/15/2003
Issued By	Malcolm McLaughlin	Issue Date: 10/08/03
Author	Malcolm McLaughlin	Supersedes: AXXenns112502

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: ALCONOX
October 8, 2003

Page 4 of 4

SECTION 15 - REGULATORY INFORMATION

TSCA (Toxic Substances Control Act):
Components of this product are listed on the TSCA Inventory

SARA TITLE III (Superfund Amendments and Reauthorization Act)
31/12/12 Hazard Categories
Acute Health

313 Reportable Inorganic
None

CERCLA (Comprehensive Response Compensation and Liability Act)
(a) The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) has modification requirements for releases of spills to the environment of the Reportable Quantity (RQ) for this mixture = 6,000 lbs) or greater amounts, according to 40 CFR 302

CPR (Canadian Controlled Products Regulations)
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled products Regulations.

INECS (European Inventory of Existing Commercial Chemical Substances)
Components of this product are on the European Inventory of Existing Commercial Chemical Substances

AICS (Australian Inventory of Chemical Substances)
Components of this product are on the Australian Inventory of Chemical Substances

EC Risk Phrases
R20 Harmful by inhalation
R37 Irritating to eyes
R37 Irritating to respiratory system
R50 Irritating to aquatic life
S26 Avoid contact with skin
S28 Avoid contact with eyes

SECTION 16 - OTHER INFORMATION

HAZARD RATINGS	HEALTH	FLAMMABILITY	REACTIVITY	PERSONAL PROTECTIVE EQUIPMENT
	1	0	0	B Safety Glasses, Gloves
	0	0	0	Safety Glasses, Gloves

MSDS prepared by manual review
The information contained herein is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendor or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.

Document Name	AXXenns1100803	Effective date: 10/15/2003
Issued By	Malcolm McLaughlin	Issue Date: 10/08/03
Author	Malcolm McLaughlin	Supersedes: AXXenns112502